

## **Abstract**

- 5 The present invention relates to dispersing agents for pigments or extenders based on acrylic acid alkyl ester polymers, wherein at least part of the ester groups of the polymers is reacted to form acid amides, wherein the dispersing agent is obtainable by the aminolysis of ester groups of the polymers by means of amines, wherein, for the aminolysis, at least one amine is used from the group comprising a) amines of
- 10 general formula  $\text{NH}_2 - \text{R}^1 - \text{NR}^2\text{R}^3$ , wherein  $\text{R}^1$  is a divalent alkylene radical comprising 2 – 4 carbon atoms and  $\text{R}^2$  and  $\text{R}^3$  are aliphatic and/or alicyclic alkyl radicals which comprise 1 - 12, preferably 1 - 6 carbon atoms and which can be the same or different, and b) amines of general formula  $\text{NH}_2 - \text{R}^1 - \text{Z}$ , wherein  $\text{R}^1$  is a divalent alkylene radical comprising 2 - 4 carbon atoms and Z is a 5- or 6-
- 15 membered N-containing heterocycle which can comprise up to 2 nitrogen atoms or which can additionally comprise oxygen.

The invention also relates to the use of the dispersing agents according to the invention for the production of pigment concentrates and coating media, and to a

20 process for producing the dispersing agents.